

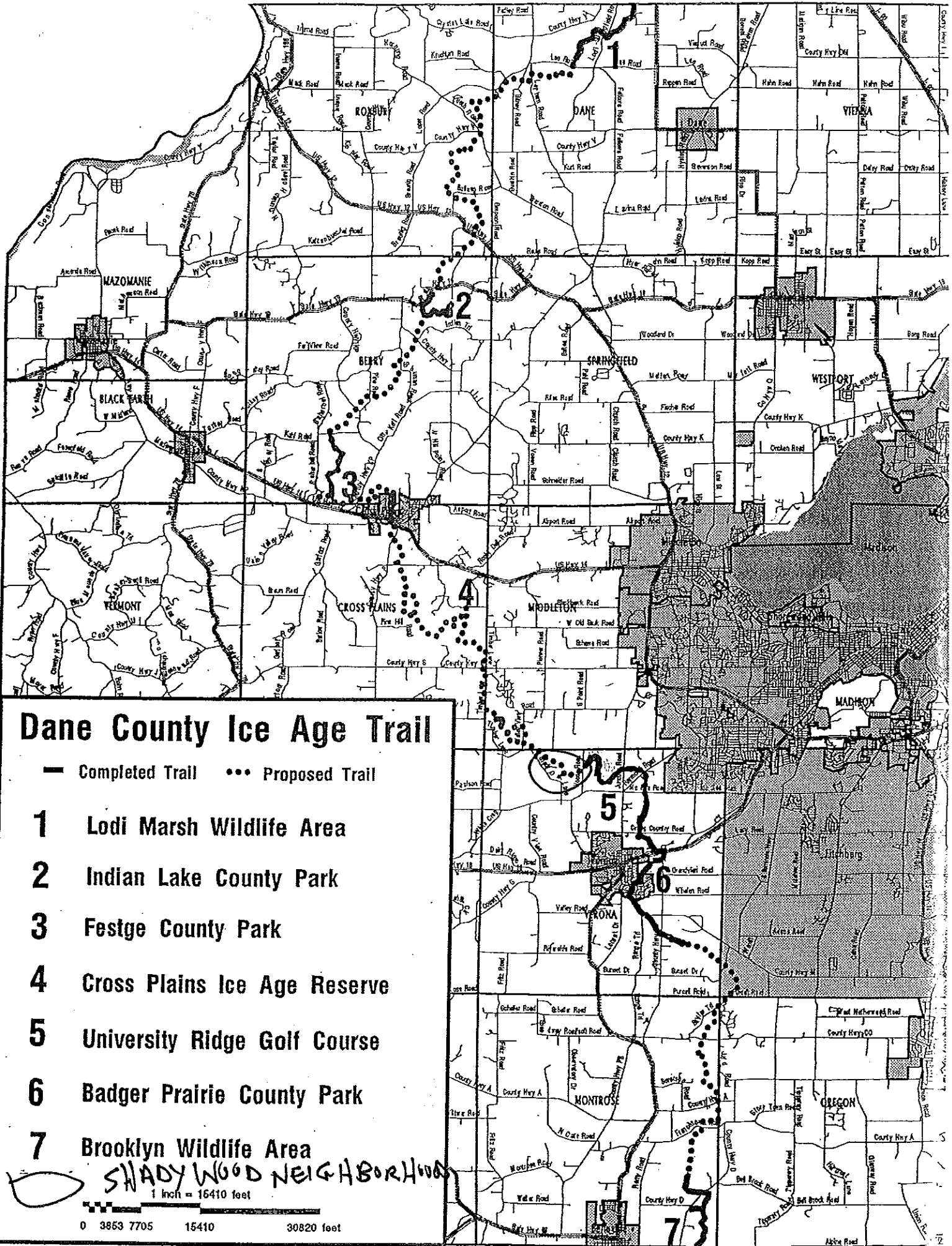
GEOLOGIC SIGNIFICANCE OF THE SHADY WOOD SECTION OF THE ICE AGE NATIONAL SCENIC TRAIL

- **Ice Age National Scenic Trail** and **Ice Age National Scientific Reserve** are complementary components of only two areas of the **National Park System** that preserve, interpret, and provide opportunities for visitors to enjoy the landscapes created by the continental glaciations of the Ice Age – the Pleistocene Epoch. They were established by Congress in 1980 and 1971 respectively and are cooperatively administered by the National Park Service and Wisconsin Department of Natural Resources.
- **Ice Age National Scenic Trail** is mapped for over 1000 miles along the terminal moraines of the most recent Wisconsinan Glaciation from Potawatomi State Park in Door County to Interstate Park in Polk County.
- **Ice Age National Scientific Reserve** consists of 9 units preserving high quality examples of various glacial depositional and erosional features throughout Wisconsin. One of the nine units – the **Cross Plains Ice Age National Scientific Reserve** – is located in Dane County about 6 miles northwest of the Shady Wood Neighborhood Planning Area.
- Professor Robert Black's 1974 study *Geology of Ice Age National Scientific Reserve of Wisconsin* recommended **two sites** in Dane County for preservation as part of the **Ice Age National Scientific Reserve**: the Town of Cross Plains site and the **eastern half of the Shady Wood Neighborhood** centered on County Hwy PD, Woods Road, and Shady Oak Lane (page 74).
- Both of the Dane County sites provide a sharp contrast between the landscape of the three-fourths of Wisconsin that was glaciated and the southwestern unglaciated "Driftless Area" but Professor Black noted that the "**Shady Wood**" site "contains a representative portion of the terminal moraine breached by a drainageway that followed a preglacial bedrock valley, kettle ponds, and an outwash apron." (page 78) He also notes that the "ice left a prominent, but not thick, moraine with steep outer face, and small kettles in the drift behind the front. Relief of the kettles is only a few feet. The steep outer face of the moraine rises 100 feet above the bedrock spurs on which it fronts ..." (page 90)
- The combination of a very prominent morainal ridge, a broad outwash plain, and kettle ponds in the moraine is unusual in Dane County. More often the moraines are broad rounded ridges or not very tall ripples in the landscape. Kettle ponds are found in only several areas of the moraine in Dane County.
- Richardson's Cave is a similarly unusual feature that adds to the special geologic quality of the **Shady Wood Neighborhood**. This manifestation of a limestone bedrock karst landscape provides a dramatic example of the contrast between the glaciated and unglaciated landscapes of southern Wisconsin.

- The significance and quality of the suite of features and the landscapes sketched above are the reason that the **National Park Service, Wisconsin Department of Natural Resources, and Dane County** all **adopted** a broad preservation corridor for the **Ice Age National Scenic Trail** in the area between Woods Road and Midtown Road **in 1991**.
- The **Shady Wood Neighborhood Plan** as proposed by the Madison Planning Department recognizes the significance of the geologic features in this area as documented by Professor Robert Black and manifests the benefits of preserving them along this section of the **Ice Age National Scenic Trail** for the residents of Madison, Verona, and Dane County and for those who will use the Ice Age Trail.
- The Madison Board of Park Commissioners has the happy opportunity to help create another nationally significant natural area park in partnership with the **National Park Service, Wisconsin Department of Natural Resources, and Dane County Parks** along the **Ice Age National Scenic Trail** by **recommending adoption of the Shady Wood Neighborhood Plan** as proposed by the Madison Planning Department. Implementing the Neighborhood Plan as proposed will add another jewel to the crown of Madison's Park System.

Prepared by Gary Werner
2302 Lakeland Ave.
Madison, WI 53703

May 13, 2009

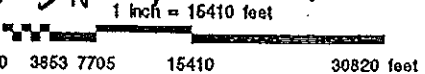


Dane County Ice Age Trail

— Completed Trail ... Proposed Trail

- 1** Lodi Marsh Wildlife Area
- 2** Indian Lake County Park
- 3** Festge County Park
- 4** Cross Plains Ice Age Reserve
- 5** University Ridge Golf Course
- 6** Badger Prairie County Park
- 7** Brooklyn Wildlife Area

SHADY WOOD NEIGHBORHOOD



GEOLOGY
OF
ICE AGE
NATIONAL SCIENTIFIC RESERVE
OF
WISCONSIN

Robert F. Black

University of Connecticut
Storrs

*National Park Service
Scientific Monograph Series*

Number Two

1974

For sale by the Superintendent of Documents, U.S. Government Printing Office
Washington, D.C. 20402 - Price \$2.20
Stock No. 2405-00547

**Statement by Joseph Campana (Madison Resident)
for Diane Kammer (3105 Woods Road, Verona)
on Item 13482 – Shady Wood Neighborhood Development Plan**

Ms. Kammer has been supportive of the conceptual plan since it was published in the 2006 City of Madison Comprehensive Plan. She has been supportive throughout the process.

- A. We both support immediate approval to begin the first phase of the plan.
- B. We support the original mapping of the Ice Age Trail, which has been mapped for nearly 20 years. We also support the minor adjustments proposed by the Ice Age Park and Trail Foundation that they have recommended. .
- C. We request reconsideration of the recently proposed Ped/Bike Path shown by the red/brown line on the map in the circled area, which designates the Kammer property.

There are a few features we want to review.

- 1. The neighborhood streets and sidewalks closely parallel the recently proposed ped/bike path.
- 2. The recently proposed bike path parallels city streets.
- 3. There are at least six existing or potential access points, designated by the arrows, between the neighborhood streets and sidewalks and the recently proposed ped/bike path suggesting that portions of, if not the entire, bike path from Woods Road to Midtown Road may not be necessary.
- 4. The Ice Age Trail is another pedestrian corridor that closely parallels the recently proposed bike path.
- 5. The bike path through Ms. Kammer's Property consumes more than one acre of developable property not including the portion of the path that passes through the designed green space at the southwest corner of her property, which consumes an additional acre.

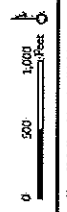
Ms. Kammer is self-employed . She has been struggling financially to maintain the property for the last 10 years when she lost her battle with a lifetime of Juvenile Diabetes culminating in a double transplant operation, multiple bypass surgeries and a host of other disabilities, medical complications and medical financial hardships that continue today. This property is her only hope of getting out of debt and having a chance of a somewhat normal retirement in her future.

Considering all the physical features of the proposed development Diane Kammer requests that careful consideration be given to either eliminate portions of the recently proposed ped/bike path or to map it south of her property line onto the designated green space, which has already been identified for alternative uses as shown by the hatched area. Alternative use is consistent with mapping the ped/bike path into the hatched area, if the path is necessary at all.

Map 8: Transportation Plan

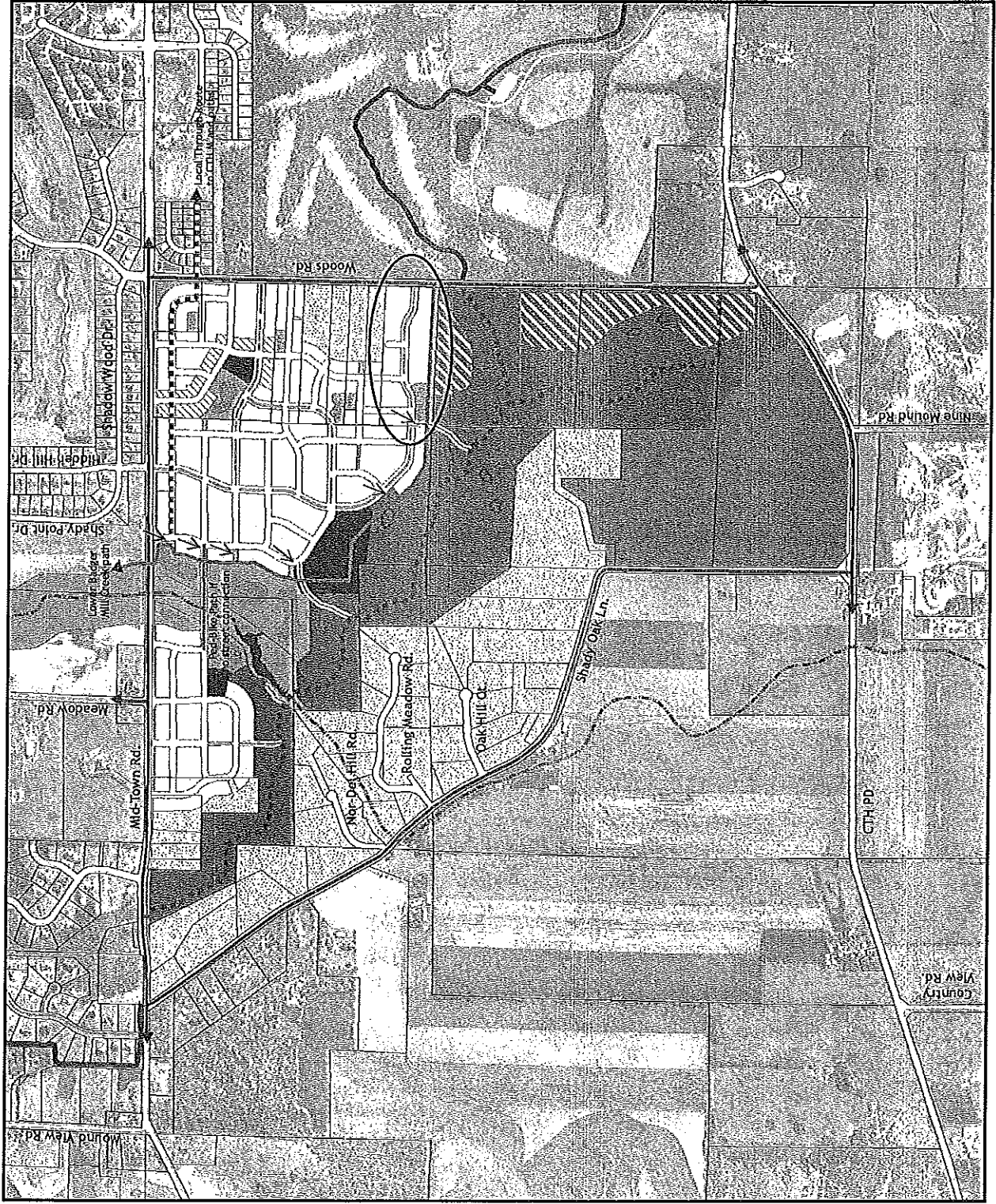
Shady Wood
Neighborhood Development Plan
March 2009

- Marked Bicycle Lane
- Local Through Street for Bicyclists
- Pedestrian-Bicycle Path
- Existing Ice Age Trail
- Conceptual Ice Age Trail
- Conceptual Trail Access Connection



DRAFT

City of Madison Planning Division



Grady, Brian

From: Lengfeld, Jay
Sent: Monday, March 23, 2009 9:07 AM
To: Grady, Brian
Subject: RE: Draft Shady Wood Plan available for review

Brian,

I have looked over the plans and my only concern is with traffic. There are a number of straight roadways that are 3 or more blocks long in this development that need to have some type of traffic claming built into the plan. The police would prefer roundabouts instead of stop signs or traffic lights. Adding 600 plus units to the area will have a major impact on Mid-town Rd. and some impact on PD. Will the intersection of Mid-town and CTH M be able to handle the increase traffic?

Thanks

Jay
Police Department

Grady, Brian

From: Sullivan, William
Sent: Tuesday, March 24, 2009 9:18 AM
To: Grady, Brian
Cc: Ruckriegel, Ed
Subject: Shady Wood Draft Plan

Good morning Brian,

I have reviewed the draft plan in so far as the impact to Fire & EMS access. I like the modified grid pattern for the streets as it provides direct and multiple access routes. I am sure we will see the more specific development plans at a later date but just want to remind you of our need for operational street widths 20 ft and turn radii of 28 ft for the roundabouts and tighter corners indicated in the plan.

Let me know if you have any questions.

Bill

Bill Sullivan
Fire Protection Engineer
City of Madison Fire Dept.
608-261-9658
wsullivan@cityofmadison.com

Grady, Brian

From: Dailey, Janet
Sent: Friday, April 24, 2009 8:54 AM
To: Grady, Brian
Subject: Draft Shay Wood Plan

Hi Brian,
I know we totally missed the deadline on this but I just got the comments back from our department. The only comment/ concern was regarding the proposed street layout/transportation plan (Map 8). The comment was to try to reduce the number of intersecting streets on Midtown Road. I'm not sure if that can be incorporated into your draft but I would imagine that we missed our chance. The rest of the report looked great.

Thanks

Janet

Grady, Brian

From: Larson, Dave
Sent: Monday, May 18, 2009 11:11 AM
To: Waidelech, Michael; Grady, Brian
Subject: FW: shady wood neighborhood plan

Hi Mr. Larson,
To refresh your memory, my husband Guy and I are the dairy farmers on Midtown Road. I have a couple of questions for you. (of the planners, you seemed to be the one that was most knowledgeable on natural resources)

Guy and I are very concerned about the Phase A development because of the potential stormwater issues. Could you tell me what the basins are required to hold-how many year storm event? Is there a way to ask the city council for a higher number/deeper stormwater basin? Since we are downhill from this development, we hope to avoid mistakes that will make our farming more difficult. We've seen Hawk's Landing's problems on our land and hope to not have the same thing on the south side of the road.

We milk cows and cannot attend these meetings. What is the best way to tell the city council of our concerns with stormwater? Email would be easiest. Who to send it to and by what time?

Thanks for any help
Laura Dreger

Mckee Rd. (CTH PD)

Nine Mound Rd.

Shady Oak Ln.

Oak Hill Ct.

Bottle Meadow Rd.

Jon DeLaff Rd.

Woods Rd.

Mckee Rd. (CTH PD)

CTH M

CTH M

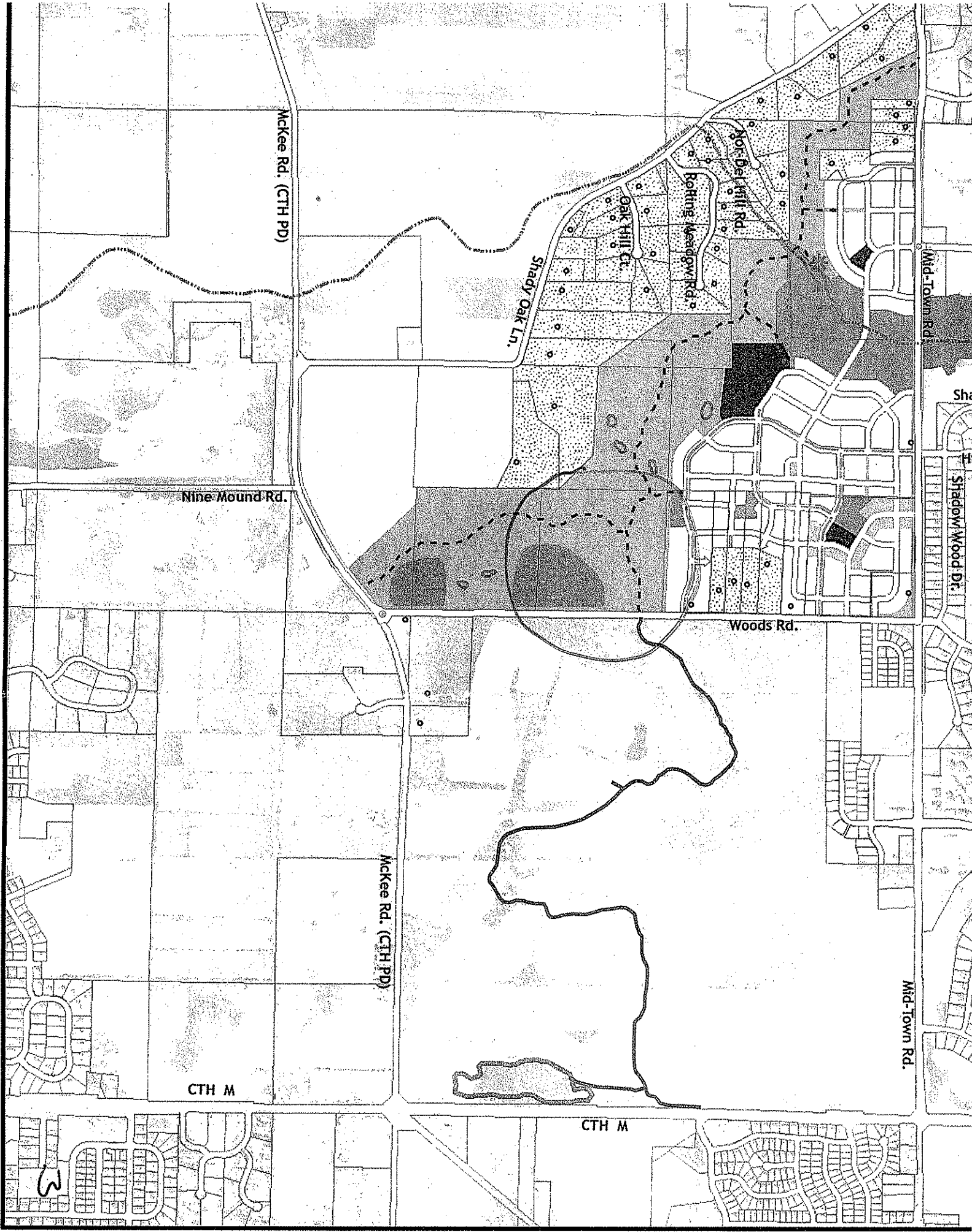
Mid-Town Rd.

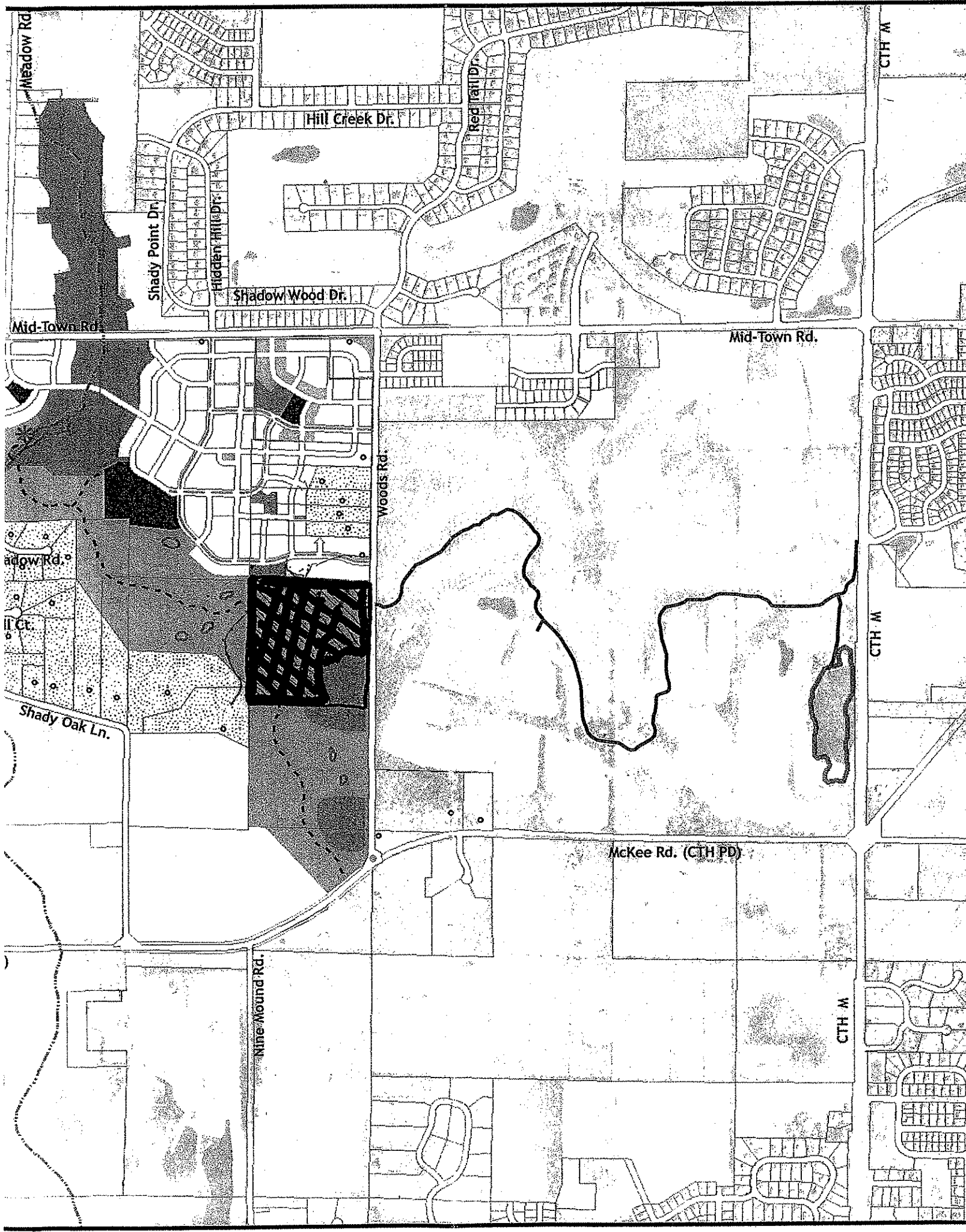
Shadow Wood Dr.

Mid-Town Rd.

Sha

TH





Meadow Rd

Hill Creek Dr.

Red Hill Dr.

Shady Point Dr.

Hidden Hill Dr.

Shadow Wood Dr.

Mid-Town Rd.

Mid-Town Rd.

Woods Rd.

adow Rd.

ll Ct.

Shady Oak Ln.

Nine-Mound Rd.

McKee Rd. (CTH PD)

CTH M

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